



IPM

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/659,398 Confirmation No. TBD  
Applicant : K. SUZUKI, et al  
Filed : September 11, 2003  
Title : DISK ARRAY APPARATUS AND METHOD FOR  
CONTROLLING THE SAME  
TC/AU : TBD  
Examiner : TBD  
Docket No. : 500.43116X00  
Customer No.: 24956

Commissioner for Patents  
Mail Stop DD  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT (IDS)**  
**UNDER § 1.97 AND § 1.98**

Sir:

1. This IDS should be considered:

(a) when filed within three months of the filing date of the present application, or within three months of the filing date of the National Stage as set forth in § 1.491 in an international application, or before the mailing date of a first Office Action on the merits, whichever occurs last;

(b) when filed before the mailing date of either a Final Rejection under § 1.113 or a Notice of Allowance under § 1.311, whichever occurs first and when 1(a) does not apply. For this purpose, there is included herein either a certification in section 4 below (included when indicated by a marked box), or a fee of \$180.00 (a Credit Card Payment Form in the amount of \$180.00 is enclosed, or if not see section 5 below);

(c) when filed prior to the payment of the Issue Fee, when 1(a)-(b) do not apply, and when a certification is included in section 4 below (included when indicated by a marked box); then the Applicant(s) hereby petition(s) and request(s)

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Information Disclosure Statement  
dated November 8, 2005

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consideration of this IDS, and provided herewith is a fee of \$180.00 (a Credit Card Payment Form in the amount of \$180.00 to cover the petition fee, or if not see section 5 below).

2. When 1(a)-(c) do not apply, then it is requested that this IDS be placed in the file.

3. Listing of the information submitted is on the attached Form PTO-1449, which forms a part of this IDS. A copy of each listed document is enclosed when needed.

4. If a fee or additional fee is required, the Commissioner is hereby authorized to charge any fee or additional fee that may be required and credit any excess to Deposit Account No. 50-1417.

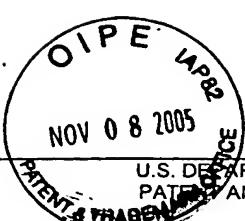
5. No explanation of relevancy is being provided for the following document(s) because each is either in the English language, discussed in the present Specification, or its relevance is as stated in a communication from a foreign patent office in a counterpart foreign application.

6. If the PTO determines that part(s) of the required content is inadvertently omitted, then it is requested that the Applicant(s) be given additional time and specific identification of such omission(s) to enable full compliance.

Respectfully submitted,

MATTINGLY, STANGER, MALUR & BRUNDIDGE, P.C.

By   
Shrinath Malur  
Reg. No. 34,663  
(703) 684-1120



FORM PTO-1449 (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 500-43116X00	SERIAL NO. 10/659,398
LIST OF DOCUMENTS CITED BY APPLICANT (Use several sheets if necessary)		APPLICANT	K. SUZUKI, et al	
		FILING DATE	GROUP	
September 11, 2003				

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT	DATE	NAME	CLASS	SUBCLASS	FILING DATE (If Appropriate)
	AA 2002/ 0069317	06/06/02	Chow et al			
	AB 2002/ 0069334	6/06/02	Hsia et al			
	AC 2003/ 0031187	02/13/03	Heffernan et al			
	AD 2003/ 00221061	11/27/03	El-Batal et al			
	AE 2004/ 0010660	01/15/04	Konshak et al			
	AF 2004/ 0034731	02/19/04	Sivertsen			
	AG 2004/ 0193791	09/30/04	Felton et al			
	AH 2004/ 0148460	07/29/04	Steinmetz et al			
	AI 6,834,326	12/21/04	Wang et al			
	AJ 2005/ 0097132	05/05/05	Cochran et al			
	AK 2005/ 0138154	06/23/05	Seto			

## FOREIGN PATENT DOCUMENTS

	DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
						YES <input type="checkbox"/> NO <input type="checkbox"/>
AL						<input type="checkbox"/> <input type="checkbox"/>
AM						<input type="checkbox"/> <input type="checkbox"/>
AN						<input type="checkbox"/> <input type="checkbox"/>
AO						<input type="checkbox"/> <input type="checkbox"/>
AP						<input type="checkbox"/> <input type="checkbox"/>

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

AR		SGI InfiniteStorage TP9300S Storage Array, Data Sheet, available at:
		<a href="http://www.sgi.com/pdfs/3643.pdf">http://www.sgi.com/pdfs/3643.pdf</a>
AS		Adaptec FS4500 Fibre to SATA RAID, Data Sheet, available at:
		<a href="http://www.sunstarco.com/PDF%20Files/Adaptec%20FS4500%20SATA.pdf">http://www.sunstarco.com/PDF%20Files/Adaptec%20FS4500%20SATA.pdf</a>
AT		Infortrend EonStor A16F-R1211/S1211 FC-to-SATA RAID Subsystem product
		information, available at: <a href="http://www.infortrend.com/2_product/a16f-r(s)1211.asp">http://www.infortrend.com/2_product/a16f-r(s)1211.asp</a>

EXAMINER	DATE CONSIDERED
* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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* EXAMINER INITIAL		DOCUMENT	DATE	NAME	CLASS	SUBCLASS	FILING DATE (If Appropriate)
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	NO
	AL						<input type="checkbox"/>	<input type="checkbox"/>
	AM						<input type="checkbox"/>	<input type="checkbox"/>
	AN						<input type="checkbox"/>	<input type="checkbox"/>
	AO						<input type="checkbox"/>	<input type="checkbox"/>
	AP						<input type="checkbox"/>	<input type="checkbox"/>

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	Synetic Inc., SyneRAID -800SA, SCSI/Fibre-toSATA RAID Subsystem product information, available at:
		<a href="http://www.synetic.net/Synetic-Products/SyneRAID-Units/SyneRAID-800SATA/SyneRAID-800SA.html">http://www.synetic.net/Synetic-Products/SyneRAID-Units/SyneRAID-800SATA/SyneRAID-800SA.html</a>
	AS	"SATA Disk System and Expansion of Unit offer 3.5 TB storage",
		Product News Network, Nov. 1, 2004.
	AT	

EXAMINER	DATE CONSIDERED
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